

Abstract

The present invention provides a product that includes (a) a wood-based composite panel having a pair of outer surfaces; and (b) a radiant barrier material having a pair of outer surfaces, wherein at least a portion of an outer surface of the
5 radiant barrier material is adhered to at least a portion of an outer surface of the wood-based composite panel; wherein the radiant barrier material that includes apertures such that the apertures are present in about 49 apertures per square inch of radiant barrier material or less, inclusive. The invention also includes methods for manufacturing such product.

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